

NOV-30-2005 11:44 FROM: MOTOROLA PCS IPD

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002/004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Ribeiro, Claudio. et al.
SERIAL NO.: 10/731,490
FILED: 09 December 2003

EXAMINER: Lee, John
GROUP: 2684 4608 ^{DSN}
CASE NO.: C523471RL

ENTITLED: User Interface

DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
Alexandria, Virginia 22313-1450

Sir:

The following Declaration and any attachments are to establish conception in the United States of claimed subject matter in the referenced patent application and diligence to the filing of the referenced patent application on 09 DECEMBER 2003 from a date prior to the effective dates of both United States Patent Publication No. US 2004/0209641 A1 by Hong which was filed in the United States on 04 September 2003 and claims priority to KR10-2003-0025049 filed having a priority date of 21 April 2003, and United States Patent Publication No. 2005/0085180 A1 filed on 15 October 2003 by Ballay et al., which are relied upon by the Examiner to support a rejection under 35 U.S.C. 103(a) in the Office Action dated 30 June 2005.



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003/004

Ribeiro et al.

Atty. Docket No. CS23471RL

37 CFR 1.131 Declaration

Appl. No. 10/731,490

Examiner Lee, John J.

Art Unit 2684 4608

DzN

In support of this declaration, Claudio Santiago Ribeiro of Evanston, Illinois, Iulius Lucaci of Evanston, Illinois, and Paul M Pierce of Grays Lake, Illinois declare and say the following:

That we conceived the claimed subject matter of the referenced patent application in the United States before 21 April 2003, the filing date of United States Patent Publication No. 2004/0209641 of Hong, in the course of employment by Motorola Inc., wherein the referenced application has been assigned thereto and a copy of the assignment has been attached as Appendix I;

That the claimed subject matter of the referenced patent application was the subject of a written disclosure prepared after conception, which discloses the conception date that is prior to 21 April 2003 and wherein the written disclosure was submitted in a disclosure form, used by the assignee, Motorola Inc., for the purpose of documenting, considering and maintaining invention disclosures (disclosure attached as Appendix II);

That the conception date which is the earliest verifiable date an individual who is a non-innovator witnessed the claimed subject matter, redacted from the disclosure form attached as Appendix II is prior to 5 January 2000;

That on information and belief on or about 10 July 2003 Motorola Inc. received the disclosure for review and subsequently decided to pursue patent protection on the written disclosure, and that thereafter, in due course, a patent application was prepared and filed in the United States Patent Office on 09 DECEMBER 2003 by or on behalf of Motorola Inc.;



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004/004

Ribeiro et al.

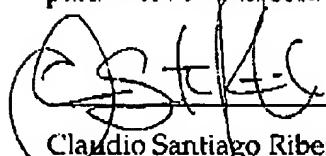
Atty. Docket No. CS23471RL

37 CFR 1.131 Declaration

Appl. No. 10/731,490

Examiner Lee, John J 4608 DSN
Art Unit 2684

That all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



11/30/05

Claudio Santiago Ribeiro Date



11-30-05

Julius Lucaci Date



11-30-05

Paul M. Pierce Date

11/29/05 17:55 FAX 1 312 432 6224 IGNITE DESIGN

004

Ribeiro et al.

Atty. Docket No. CS23471RL

37 CFR 1.131 Declaration
Appl. No. 10/731,490
Examiner Lee, John J
Art Unit 2684 4608
DSN

That all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Claudio Santiago Ribeiro Date_____
Julius Lucaci Date_____
29/11/05_____
Paul M Pierce Date

3 4 DsJ

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **CLAUDIO SANTIAGO RIBEIRO, EVANSTON, IL; IULIUS LUCACI, EVANSTON, IL; and, PAUL M. PIERCE, GRAYSLAKE, IL**; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **USER INTERFACE** (Docket No. CS23471RL), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

CS23471RL

EXPRESS MAIL LABEL NO. EV203578632 US



CLAUDIO SANTIAGO RIBEIRO

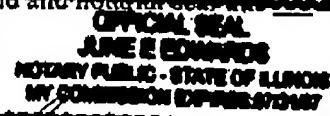
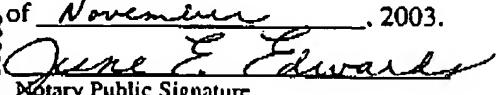
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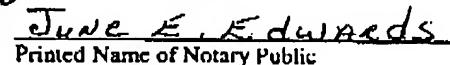
 STATE OF IL)
 COUNTY OF LAKE)

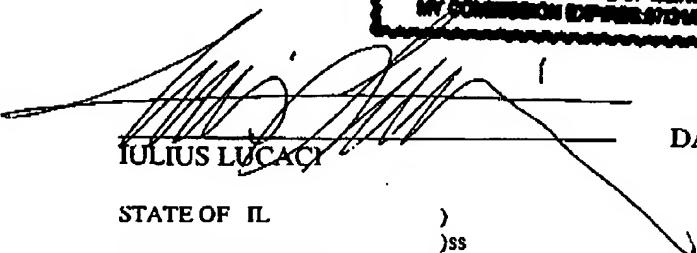
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Claudio Santiago Ribeiro whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 06 day of November, 2003.

My commission expires:



Notary Public Signature


Printed Name of Notary Public


IULIUS LUCACI
 STATE OF IL)
 COUNTY OF LAKE)

DATE: 11/06/2003

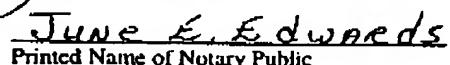
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Iulius Lucaci whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 06 day of November, 2003.

My commission expires:



Notary Public Signature


Printed Name of Notary Public


PAUL M. PIERCE
 STATE OF IL)
 COUNTY OF LAKE)

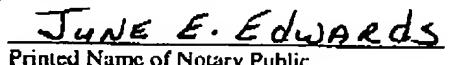
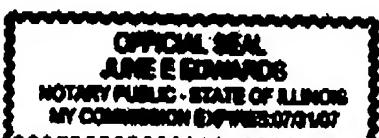
DATE: 12-04-03

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul M. Pierce whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 4 day of December, 2003.

My commission expires:


Notary Public Signature


Printed Name of Notary Public




MOTOROLA

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Home Innovation Disclosure Publication Clearance Indi-Trac
 Welcome June Edwards - Sep 16, 2003

> Innovation Disclosure

> Disclosure CS23471RL (20703)

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 CS20709RA (12792)

ID:

Title:

CS23471RL (20703)

Multi Feature Dial Ring

Innovators:

Claudio Ribeiro Santiago Ribeiro, Julius Lucaci, Paul Pierce

Status:

Awaiting Filing

Disposition:

Pursue

Submitted Date:

Review Date:

Sector: PCS

Patent Committee: PCS Libertyville

Business Unit: Consumer Experience, Planning & Software

Organization: PCS, CXPS, CON EXP DSN.,

Department: BB560

Submit Country: USA

[View Changes Log](#)[Administration](#)[Print Disclosure](#)**WORKFLOW**

First Innovator

Claudio Santiago Ribeiro (Claudio Ribeiro)

Verification Complete 07/10/2003

Co-Innovator

Julius Lucaci

Verification Complete 07/15/2003

Co-Innovator

Paul M Pierce

Verification Complete 07/11/2003

Witness

Stephan P Pfanner (Peter)

Acknowledgement Complete 07/11/2

Witness

Joel Soto

Acknowledgement Complete 07/14/2

Manager

Yoon ho Choi

Acknowledgement Complete 08/11/2

Business Reviewer

Bill Maes

Review Needed

Technical Reviewer

Karsten Aagaard

Review Needed

REVIEW INFORMATION

Business Reviewer

Bill Maes

Technical Reviewer

Karsten Aagaard

Grading Results

DOCUMENTS[TTX multi feature dial patent final.ppt](#)

Multi feature dia

QUESTIONS

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eIntelligence - Innovation Disclosure

Page 2 of 4

Name of Innovation or Engineering Development?
Multi Feature Dial Ring

What is the problem(s) to be resolved by or need(s) for your idea?

As the radio devices evolve to new paradigms there's a need to create a way to control the radio device. With this multi purpose ring that allows for that. This is a new way to approach the keypad design and allows for simplify the use of radio/phone as these devices start to have more functions than to make a call.

What patents or publications describe your idea and why don't they resolve the need(s)?

The I-pod design from apple: That design is only valid for scrolling or selecting (one type of navigation). It does not revolves around the bellkeypad area of the product multiple uses together with the bellkeypad.

<http://store.apple.com/1-800-MY->

APPLE/WebObjects/AppleStore.woa/71302/wo/OUzZkqRkVw7H3USGEXK2dLFR

What is the idea you are disclosing?

The idea is to create and evolve the functionality of the bellkeypad area and adding a ring that can control various functions of the product. The dial can be digital/touch or physical/mechanical

How does this Idea resolve the problem(s) or fulfill the need(s) in a new way?

The Multi-feature dial can be used to control various functionalities: Digital music mixer: With MP-3's the user can mix music in their device create the tunes...

Sound/volume adjustment: way to control audio volume for the product

Camera Zoom: Controlling the zoom feature

Scrolling: up and down navigation

Gaming: gaming controls

Radio Tuning

Equalizer adjustment

There are other possibilities for the navigation/use of this product, but the basic idea is to create various possibilities to be explored further.

How or where will this Idea be used (e.g. what process or product will it be applied to)?

This idea was conceptualized in the process of creating the TTX design concepts for the new product. Right now was only used in concepts but as the business evolves there will be new ideas like the Nokia gamer, that has a different keypad/functionality that goes beyond a standard keypad. This concept is a new way of evolving the functionality of the keypad and allowing for new possibilities.

Do you plan to disclose your idea outside of Motorola (e.g. conference, public product offering, etc.)?

NO

Is your idea known or has it been disclosed outside of Motorola without a duty to disclose agreement, joint development agreement, etc.)?

NO

Has a product incorporating your idea been sold, offered for sale, placed in production, sampled, described in any publication (including Motorola promotional literature), or made available to anyone outside of Motorola (customer or distributor), or placed into inventory?

NO

What is the earliest verifiable date that you communicated your idea to an individual or entity other than the innovator (e.g., the date a non-innovator witness signed your engineering note)?

Was your idea created or developed through work performed with a consortium, university, or joint venture?
NO

Please specify the Export Control Classification Number(s) (ECCN) to which it applies:
Unknown

KEY TECHNOLOGIES

INNOVATORS

Claudio Santiago Ribeiro (Claudio Ribeiro)

The address and personal information for this innovator should be treated as confidential.

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Mail Drop: AN264	Manager: Yoon ho Choi
Sector: PCS	Business Unit: Consumer Experience Software
Unknown:	Citizenship: Brazil
Residential	Mailing
Address:	Address:

Iulius Lucaci

The address and personal information for this innovator should be treated as confidential.

Commerce ID:	Core ID:
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Department: BB560	Location: IL93
Mail Drop: DS-175	Manager: Paul Pierce
Sector: PCS	Business Unit: Consumer Experience Software
Unknown:	Citizenship: USA
Residential	Mailing
Address:	Address:

Paul M. Pierce

The address and personal information for this innovator should be treated as confidential.

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Sector: PCS	Business Unit: Consumer Experience Software
Unknown:	Citizenship: USA
Residential	Mailing
Address:	Address:

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P.22/22

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Page 4 of 4

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